

S/N 09/390,228

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: UNO et al. Examiner: M. ANGEBRANNDT
Serial No.: 09/390,228 Group Art Unit: 1756
Filed: SEPTEMBER 3, 1999 Docket No.: 10873.274US11
Title: OPTICAL INFORMATION RECORDING MEDIUM, PRODUCING
METHOD THEREOF AND METHOD OF RECORDING/ERASING/
REPRODUCING INFORMATION

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV143558593US

Date of Deposit: November 18, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C. 20231.

By:

Name: John J. J. J.

REQUEST FOR CONTINUED EXAMINATION UNDER 37 C.F.R. §1.114

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Under 37 C.F.R. §1.114, it is respectfully requested that this application be accorded the benefits of Continued Examination. Applicant respectfully requests that the amendment previously filed September 17, 2002, but unentered, in the prior application, be entered at this time.

Our check in the amount of \$740.00 is enclosed to cover the required fee for a large entity.



Dated: November 18, 2002

Respectfully Submitted,

Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
(612) 371-5237

By [Signature]
Douglas P. Mueller
Reg. No. 30,300
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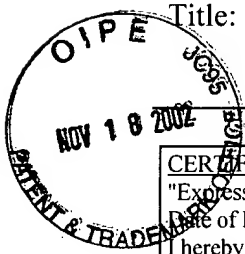
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By: _____

Name: John Junkers

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the continued examination of this application, the request for which is filed herewith, please amend this application as indicated herein.

In the Claims

Please amend the claims as indicated.

1. (Twice Amended) An optical information recording medium comprising a substrate and a multilayer film, the multilayer film comprising:
- a barrier layer;
 - a first protective layer that comprises sulfur; and
 - a recording layer generating a reversible phase-change which can be optically detected according to an irradiation of an energy beam;
- wherein said barrier layer is formed between said first protective layer and said recording layer and in contact with said first protective layer and said recording layer, and includes one selected from the group consisting of GeN and GeNO and at least one element selected from the